

Product Specification

Product Name:

Hydrofluoric acid PurTrace Ultrapure for Ultra Trace Analysis, 47-51%

Product No.: PSR50244
Brand: PureSynth
CAS No.: 7664-39-3
Molecular Formula: HF
Molecular Weight: 20.01 g/mol



Test	Specification
Appearance	Colorless liquid
Assay	47.0-51.0 %
Total Sulphur (S)	NMT 100 ppb
Aluminum (Al)	NMT 20 ppt
Antimony (Sb)	NMT 20 ppt
Arsenic (As)*	NMT 50 ppt
Barium (Ba)	NMT 10 ppt
Beryllium (Be)	NMT 10 ppt
Bismuth (Bi)	NMT 10 ppt
Boron (B)	NMT 100 ppt
Calcium (Ca)	NMT 10 ppt
Cadmium (Cd)	NMT 10 ppt
Cerium (Ce)	NMT 10 ppt
Cesium (Cs)	NMT 10 ppt
Chromium (Cr)	NMT 10 ppt
Cobalt (Co)	NMT 10 ppt
Copper (Cu)	NMT 10 ppt
Dysprosium (Dy)	NMT 1 ppt
Erbium (Er)	NMT 1 ppt
Europium (Eu)	NMT 1 ppt
Gadolinium (Gd)	NMT 1 ppt
Gallium (Ga)	NMT 10 ppt
Germanium (Ge)	NMT 10 ppt
Gold (Au)	NMT 20 ppt
Hafnium (Hf)	NMT 10 ppt
Holmium (Ho)	NMT 1 ppt
Indium (In)	NMT 1 ppt
Iron (Fe)	NMT 10 ppt
Lanthanum (La)	NMT 10 ppt
Lead (Pb)	NMT 10 ppt
Lithium (Li)	NMT 10 ppt
Lutetium (Lu)	NMT 1 ppt
Magnesium (Mg)	NMT 10 ppt
Manganese (Mn)	NMT 10 ppt
Mercury (Hg)*	NMT 50 ppt

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Molybdenum (Mo)	NMT 10 ppt
Neodymium (Nd)	NMT 1 ppt
Nickel (Ni)	NMT 20 ppt
Nobium (Nb)	NMT 10 ppt
Palladium (Pd)	NMT 20 ppt
Platinum (Pt)	NMT 20 ppt
Potassium (K)	NMT 10 ppt
Praseodymium (Pr)	NMT 1 ppt
Phosphorus (P)	NMT 5 ppt
Rhenium (Re)	NMT 10 ppt
Rhodium (Rh)	NMT 20 ppt
Rubidium (Rb)	NMT 20 ppt
Ruthenium (Ru)	NMT 20 ppt
Samarium (Sm)	NMT 1 ppt
Scandium (Sc)	NMT 10 ppt
Selenium (Se)	NMT 10 ppt
Silver (Ag)	NMT 10 ppt
Sodium (Na)	NMT 10 ppt
Strontium (Sr)	NMT 10 ppt
Tantalum (Ta)	NMT 20 ppt
Tellurium (Te)	NMT 1 ppt
Terbium (Tb)	NMT 1 ppt
Thallium (Tl)	NMT 10 ppt
Thorium (Th)	NMT 1 ppt
Thulium (Tm)	NMT 1 ppt
Tin (Sn)	NMT 20 ppt
Titanium (Ti)	NMT 20 ppt
Tungsten (W)	NMT 20 ppt
Uranium (U)	NMT 1 ppt
Vanadium (V)	NMT 10 ppt
Ytterbium (Yb)	NMT 1 ppt
Yttrium (Y)	NMT 1 ppt
Zinc (Zn)	NMT 10 ppt
Zirconium (Zr)	NMT 10 ppt

Specification: PTU-1.0-QA/002

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